

August 26, 1971

Tripped out of hole. Ran 7-7/8 bit, bottom hole reamer, 13 5-7/8 DC's, and DP and drilled from 2891 to 3181. TOTCO at 2963' $4\frac{1}{2}^{\circ}$. Bit #3 J-8 in hole, has 18 $\frac{1}{2}$ rotating hrs on it. Mud wt. 9.5 Vis. 38

August 27, 1971

Drlg. 3547'. 366' in 20 rotating hrs. Bit #3 out at 3236', made 155'. $4\frac{1}{4}^{\circ}$ at 3236' $5\frac{1}{4}^{\circ}$ at 3316' Mud wt. 9.3 Vis. 37 3 hrs. trip time

August 28, 1971

Trip at 3681. Lime, 134' in 6 $\frac{1}{4}$ hrs. Bit #5. Bit #4 445' in 17 hrs. Mud wt. 9.4 Vis. 35 6° @ 3507'.

August 29, 1971

Single shot Sperry Sun Survey 6° inclination N88 $^{\circ}$ W. Pulled drill pipe, inserted monel drill collar, ran to bottom, ran multi shot on horizontal displacement, 85.74' at N 74 $^{\circ}$ 5" west, pulled drill pipe, ran 7-7/8 Smith bit 5" dyna drill, 2 $\frac{1}{2}^{\circ}$ bent sub, 7- 6 $\frac{1}{2}$ " DC's and DP to 3681. mud 9.3 Vis. 38

August 30, 1971

Oriented tool w/single shot, first picture tool facing S 5 $^{\circ}$ E, turned DP and tool 90 $^{\circ}$ to right; second picture, tool S 85 $^{\circ}$ W, started drilling w/dyna drill at 9 AM. Drlg. to 3744'. Ran single shot 6 $\frac{1}{2}^{\circ}$ south 70 $^{\circ}$ west, pulled dyna drill, ran 7-7/8" bit, monel collar, 17 DC's, drlg. to 3807', ran single shot, 8 $\frac{1}{2}^{\circ}$ south 46 $^{\circ}$ west, drilled to 3880' 9 $^{\circ}$ south 40 $^{\circ}$ west. Now drilling @ 3940', preparing to run single shot. Mud wt. 9.3 Vis. 36

August 31, 1971

TD 3945' Mud wt. 9.3 Vis. 36 Ran single shot survey 3920'. 9 $\frac{1}{4}^{\circ}$ S 40 $^{\circ}$ Trip out of hole w/Bit #7. Ran 7-7/8 Smith Bit, dyna drill, 2 $\frac{1}{2}^{\circ}$ bent sub, 1 monel DC, 7 steel collars to 3920'. Ran single shot. 1st picture facing N 20 W, tool turned 90 $^{\circ}$ to left. 2nd picture tool facing S 50 W, turned tool 25 $^{\circ}$ L 3rd picture tool facing S 25 W. Start drilling w/dyna drill. Drilled to 3945' Shaft on Dyna Drill broke, leaving rotating sub, 5" OD X 12" long, bit sub 5 $\frac{1}{2}$ " X 6" long and bit. Now running shot catch, over shot, jars, to catch fish. Mud 132.36, Water 39.87